

Umetco Minerals Corporation

DEC 1 1986



PO BOX 66 137 47th STREET • NIAGARA FALLS NEW YORK 14302

November 26, 1986

Mr. C. T. Wentzel
U. S. Vanadium Corporation
P. O. Box 66
Niagara Falls, NY 14302

Subject Disposal of Sample Cans

Dear Craig

The last of the metallurgical samples stored in the Global area that dated back as far as 1902 were removed from the Niagara Plant on November 24, 1986 by SCA Chemical Services. A copy of the Hazardous Waste Manifest is appended. An earlier shipment of non-hazardous samples were removed by BFI Waste Systems on October 10, 1986 (manifest appended). Radioactive samples were included in a shipment to Barnwell Waste Management Facility, South Carolina September 19, 1986.

On Wednesday, November 26, 1986, Al Gonas and I accompanied Mr. Herb Wilber to inspect the area in Global where the samples has been stored. A radioactive survey was made at that time to confirm that no traces of the radioactive samples had been left on the shelves or in the storage containers. A copy of the letter from Herb Wilber to you attesting to the satisfactory completion of the sample cans removal is also appended.

This completes the obligation of Umetco Minerals to Stratcor Minerals Corporation as outlined in Item 3 (g) of the Environmental Agreement (Niagara Falls) between Umetco Minerals Corporation and U. S. Vanadium Corporation which reads:

"(g) Sample Cans Umetco further agrees to assume the cost of removal and disposal of the numerous small sample cans in the global area."

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Would you and Dr. Miller, as members of the Stratcor Environmental Coordination Committee for the Niagara Plant, acknowledge acceptance by signing the second copy of this letter and returning it to me.

Very truly yours,



Donald J. Hansen

ACCEPTED BY:

U. S. VANADIUM

By: _____

Title: _____

By: _____

Title: _____

cc: Messrs:

W. G. Beattie

✓ J. F. Frost

T. J. Kagetsu

F. V. McMillen

D. G. Millenbruch

R. L. Miller

UCCNHT0002054



STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE

HAZARDOUS WASTE MANIFEST

P.O. Box 12826, Albany, New York 12212

Form Approved. OMB No. 2000-0404 Expires 7-31-86

Please print or type

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA No NYD094171154		Manifest Document No		2 Page 1 of 1		Information in the shaded areas is not required by Federal Law	
3 Generator's Name and Mailing Address UMETCO MINERALS CORP 137-47th ST NIAGARA FALLS, N.Y. 14302		4 Generator's Phone (716) 286-4028		5 Transporter 1 (Company Name) CHEMICAL WASTE MANAGEMENT LTD		6 US EPA ID Number 00806604		7 State Manifest Document No 110922	
7 Transporter 2 (Company Name)		8 US EPA ID Number 112		9 Designated Facility Name and Site Address SCA CHEMICAL SERVICES 1550 BALMER RD MODEL CITY, N.Y.		10 US EPA ID Number 14107		11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	
a. HAZARDOUS WASTE SOLID NOS. 9189		12 Containers No.		13 Total Quantity		14 Unit		15 Special Handling Instructions and Additional Information	
b. HAZARDOUS WASTE SOLID NOS. 9189		010 DM		9000		P		a. (607702)	
c.		0020M		800		P		b. (601785)	
16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.		17. Transporter 1 (Acknowledgement of Receipt of Materials)		18. Transporter 2 (Acknowledgement or Receipt of Materials)		19 Discrepancy Indication Space		20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19	
Printed/Typed Name Albert M Gowas		Signature Albert M Gowas		Printed/Typed Name PAT HOGAN		Signature PAT HOGAN		Printed/Typed Name Albert M Gowas	
Mo Day Year 11/14/86		Mo Day Year 11/14/86		Mo Day Year 11/14/86		Mo Day Year 11/14/86		Mo Day Year 11/14/86	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Department of Transportation (518) 457-7362.

INSTRUCTIONS FOR THE UNIFORM HAZARDOUS WASTE MANIFEST

General Information

New York State regulation requires proper completion of all information on a manifest. Omissions, false coding or illegibility is considered a violation. All generators are responsible under New York State and Federal Law for the proper identification, labeling, manifesting and ultimate disposal of all hazardous waste they generate. The manifest system is designed to track hazardous waste from the point of generation until its final disposal (cradle to grave). In order to accomplish this goal, it is essential that all items on a manifest be properly completed.

Distribution

Distribution of each copy of the manifest is indicated on the bottom of the form. Copies of the manifest must be mailed promptly. New York State regulations provide five (5) working days for generator and two (2) for a TSD. The Disposer's state is the state in which the designated TSD facility is located. Generator's state is the state in which the installation generating the hazardous waste is located. TSD facility is a treatment, storage or disposal facility.

Generator Section

Item 1 Enter the US EPA ID number (twelve digit number issued by the federal government). The generator must assign a sequential unique five digit number different for each manifest as the manifest number.

Item 2 If a continuation sheet is used, please enter the total number of sheets here. Any EPA approved continuation sheet may be used, but distribution and completion must meet New York manifest requirements. The document number in Item A must be placed in Item L of each continuation sheet.

Item 3 and 4-Self Explanatory These must correspond to the generator's US EPA ID number.

Items 5, 6, 7 and 8 These are self explanatory. These numbers must be secured from the transporter. If more than one transporter is used, the generator must supply additional copies of this manifest (copy#5) for each transporter.

Items 9 and 10 The designated TSD facility, name, address and ID number should appear here.

NOTE: All US EPA ID numbers are a twelve digit code starting off with the letters corresponding to the state in which the facility or transporter is located.

NOTE: Only New York State authorized transporters and TSD facilities are allowed to transport or receive hazardous waste in New York State. The generator shall check for authorization.

Item 11 USDOT requires the word "waste" before or in the shipping name for all hazardous waste. See 49 CFR 171 thru 173. Contact USDOT office for description assistance. Any waste in this box is considered a hazardous waste.

Item 12

Number—indicate number of containers (use whole numbers)

Containers/Type

DM Metal drums, barrels

TT Cargo tank, tank trucks

DT Dump trucks

CY Cylinders

DW Wooden drums, barrels

TP Tanks, portable

CM Metal boxes, cases, roll offs

CW Wooden boxes

DF Fiberboard or plastic drums (glass)

TC Tank cars

CF Fiber or plastic boxes, cartons

BA Burlap, plastic, paper bags

Item 13 Actual number of units indicated in box 14. (Do not use fractions or decimals)

Item 14 Units (wt/vol)

G Gallons (liquids only) [8.3 pounds]

L Liters (liquid only) [2.2 pounds]

Y Cubic yards [85 tons]

N Cubic meters* [2,200 pounds]

P Pounds

T Tons

K Kilograms [2.2 pounds]

M Metric tons (1,000 kilograms) [2,200 pounds]

*Specify gravity 1.00 unless indicated in box J

Item 15 Use this space to indicate special transportation, treatment, storage or disposal or Bill of Lading information. If an alternate facility is designated, note it here. For international shipments, enter point of departure. Emergency response telephone numbers, or similar information may be included here.

Item 16 The authorized agent of the generator must read and then sign (by hand) and date this certification. The date is the date of receipt by transporter.

NEW YORK STATE REQUIRES THIS ADDITIONAL INFORMATION

Item A Number preprinted by New York State Department of Environmental Conservation (NYSDEC)

Item B Generator site address. If different from mailing address. If same, write in same.

Item C and E State of registration and motor vehicle license plate number of waste carrying portion of vehicle used to transport.

Item D and F Telephone number of authorized agent.

Item G No entry required by NYSDEC.

Item H Telephone number at site of TSD facility.

Item I Hazardous waste numbers (letter and three digits) as assigned by Part 366/371 (40 CFR 261 subparts C and D) must be used to identify hazardous waste. If waste is not hazardous in New York but regulated by another state, enter that state's waste code.

Item J If description in item 11 (a, b, c, d) contains NOS or other general term, the hazardous waste constituent must be provided here for each. The specific gravity assumed to be one (1.00) unless indicated in lower right of each box.

Item K Each material must be assigned an ultimate disposal method code as follows: L = landfill; B = incineration; heat recovery; burning; T = Chemical; physical or biological treatment; R = Material recovery of more than 75 percent of the total material. Both the generator and the TSD should agree on codes assigned in this item.

Transporter Section

Items 17 and 18 Print or type the full name of person accepting responsibility and acknowledging receipt of material as listed on manifest for transport. Enter date of receipt and signature.

TSD Section

Item 19 The authorized representative of the TSD must note in the space any discrepancy between waste described on manifest and waste actually received. Any rejected materials should be listed and destination of those materials provided.

Item 20 The signature (by hand) of the authorized TSD agent indicates acceptance (except for Item 19) and agreement with statements on this manifest. The date is the date of signature and receipt of shipment. A TSD not providing ultimate disposal agrees to transfer waste to a TSD authorized to provide ultimate disposal as indicated in Item K.

Additional Information

1. If the Disposer State supplies a manifest, that state's form must be used. In any case, New York requires that both the generator and TSD mail copies to the generator's State and the disposer's State with the ultimate disposal method indicated in Item K.
2. There may be variations in the requirements between various states regarding items A thru K, therefore, the generator should contact the disposer's State for specific details.
3. If assistance is needed in completion of this manifest, please contact NYSDEC Manifest Section at 518/457-0530 weekdays from 9:00 a.m. to 4:00 p.m.

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NON-HAZARDOUS WASTE MANIFEST

*Full Sample Canister
re: best order*

GENERATOR

Generator Name UNITED MANUFACTURING Shipping Location UNITED MANUFACTURING
Address P.O. Box 1629 Address 47th FROYAL
Grand Junction CO 8152 WILLOW FALLS NY
Phone No - Phone No 716 - 278 3214

BFI Lab Number	Description of Waste	Quantity	Units	Containers No	Type	Codes
<u>26661</u>	<u>NON HAZ. WASTE</u>	<u>30</u>	<u>Y</u>	<u>1</u>	<u>H</u>	D - Drum C - Carton B - Bag T - Truck P - Pounds Y - Yards O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations

Generator Authorized Agent Signature [Signature] Shipment Date

TRANSPORTER

Transporter Name WILLOW FALLS SANITATION INC. Driver Name (Print) ANTHONY G. BECK
Address P.O. Box 571 Vehicle License No / State 434116K N.Y.
WILLOW FALLS NY 14172 Vehicle Certification 9A065

I hereby certify that the above named material was picked up at the generator site listed above

I hereby certify that the above named material was delivered without incident to the destination listed below

Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name ALCOA LANDFILL INC. Phone No 716 - 2828692
Address 60th 1 Mile East Niagara Falls NY
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate

Name of Authorized Agent Signature Receipt Date

(To be attached to the Manifest Form for first time shipments, annually, when the waste stream composition changes, or when otherwise required by NYSDEC)

Part A (General)

1. Describe the process producing the waste (including the representative SIC code).

MANUFACTURING OF METAL ALLOYS
METAL ORES

2. Is this material a "one time" shipment or a continuing waste stream? ONE TIME
3. Is this material from an inactive hazardous waste site or spill cleanup? NO
4. a. Does this waste contain organic chemicals? NO
- b. If so, does this waste contain:
- 1. aromatics? NO
 - 2. halogenated organics? NO
 - 3. nitrogenated organics? NO
 - 4. low molecular weight organics? NO
5. Does this stream contain any organic materials listed in 6NYCRR 366.4(d)(5) and 366.4(d)(6) (P-list or U-list)? If so, list them: NO

If any of the answers to question 4 or 5 were yes or unknown, complete Part B of this certification for those classes of materials which are known or suspected to be in the waste. If you answered no to all of these questions; please sign the following certification:

BASED ON MY KNOWLEDGE OF THE PROCESS AND CHEMICALS USED IN GENERATING THE WASTE, I CERTIFY THAT THESE WASTES QUALIFY FOR LANDBURIAL UNDER THE NEW YORK STATE LANDBURIAL BAN AS DESCRIBED ON THIS FORM. I FURTHER CERTIFY THAT I WILL RESUBMIT THIS FORM IF THE WASTE STREAM COMPOSITION CHANGES IN A WAY WHICH MIGHT INCREASE THE CONCENTRATIONS OF ORGANIC CHEMICALS IN THE WASTE STREAM.

IT IS A CRIME, PUNISHABLE AS A CLASS A MISDEMEANOR UNDER THE LAWS OF THE STATE OF NEW YORK, FOR A PERSON, IN AND BY A WRITTEN INSTRUMENT, TO KNOWINGLY MAKE A FALSE STATEMENT, OR TO MAKE A STATEMENT WHICH SUCH PERSON DOES NOT BELIEVE TO BE TRUE.

Name: Albert M Gonas Signature: Albert M Gonas
(Please type or print)

Title: Tech Date: 11/25/86

Firm: Umatco Minerals Corp

Address: 137-47th ST. Niagara Falls N.Y.


STRATCOR
Internal Correspondence

P. O. Box 66
Niagara Falls, NY 14302

November 26, 1986

TO: C. T. Wentzel
COPY: D. J. Hansen
SUBJECT: Sample Cage

The sample cage is clean and all samples have been removed. This area is also clean of radioactivity. Numerous sample jars have been left for J. Cooper. These jars are physically clean, but haven't been rinsed. As far as I'm concerned, Umetco has fulfilled their clean-up requirements.


H. M. Wilber

HMW:lp

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